

What is claimed is:

1. A lens coating comprising:
an anti-reflective layer comprising from about 3-7 sublayers, each of said sublayers comprising an anti-reflective composition; and
a hydrophobic layer on top of said anti-reflective layer, said hydrophobic layer comprising an organosilane compound,
said coating retaining at least 95% of a hydrophobic characteristic after undergoing a test comprising the steps of rubbing an eraser for at least 20 strokes along the same line using 2.5 pounds of pressure on the eraser, said hydrophobic characteristic being selected from the group consisting of a comparison of water contact angles before and after said test and a stain removal test using adhesive tape.
2. A lens and coating comprising:
a lens; and
a coating disposed on said lens, said coating comprising an anti-reflective layer and a hydrophobic layer, said anti-reflective layer comprising from about 3-7 sublayers, each of said sublayers comprising an anti-reflective composition, said hydrophobic layer being located on top of said anti-reflective layer and comprising an organosilane compound, said coating retaining at least 95% of a hydrophobic characteristic after undergoing a test comprising the steps of rubbing an eraser for at least 20 strokes along the same line using 2.5 pounds of pressure on the eraser, said hydrophobic characteristic being selected from the group consisting of a comparison of water contact angles before and after said test and a stain removal test using adhesive tape.
3. A scope comprising:
a housing;
a lens in said housing; and
a coating on said lens, said coating comprising an anti-reflective layer and a hydrophobic layer, said anti-reflective layer comprising from about 3-7 sublayers, each of said sublayers comprising an anti-reflective composition, said hydrophobic layer being located on top of said anti-reflective layer and comprising an organosilane

compound, said coating retaining at least 95% of a hydrophobic characteristic after undergoing a test comprising the steps of rubbing an eraser for at least 20 strokes along the same line using 2.5 pounds of pressure on the eraser, said hydrophobic characteristic being selected from the group consisting of a comparison of water contact angles before and after said test and a stain removal test using adhesive tape.